

AMENDMENTS TO THE SPECIFICATION:

Page 1, replace the paragraph, beginning on line 14, with the following amended paragraph;

--~~Tipieally~~ Typically, an electric arc furnace has several cooling systems. Normally, those systems comprise a cooling liquid recirculation circuit passing through all the elements of the furnace exposed to high temperatures. The water circulating inside the circuits, passes through the elements that need to be cooled such as Shell & Roof panels, gas exhaust Ducts, etc., in order to remove heat from those elements and subsequently transfer that heat to the environment using a cooling tower or an equivalent device.--

Page 3, replace the paragraph, beginning on line 4, with the following amended paragraph:

--~~In view of the above referred problems~~ Based on the above referred problems, the applicant developed a novel pipe bending method, comprising a simultaneous hot bending and pressing of the pipe by which it makes possible to obtain a coil without welded 180° elbows since they are integrally formed with the pipe.--

Page 3, replace the paragraph, beginning on line 9, with the following amended paragraph:

--By using the above referred novel process it is possible to bend a thick wall pipe to obtain a 180° elbow, with a

gap between straight pipe sections which can go down to [[zero]]
zero inches.--

Page 4, replace the paragraph, beginning on line 4, with
the following amended paragraph;

--It is yet another object of the present invention to
provide a bending method of the above referred nature by which it
is possible to bend a thick wall pipe to obtain a 180° elbow with
a gap between straight pipe sections which may be of [[zero]] zero
inches.--